

Appl. No. 10/670,107  
Reply to Examiner's Action dated 12/29/2005

**IN THE CLAIMS:**

1. (original) A mobile telephone, comprising:  
  
a vital sign measuring system;  
  
a keypad, coupled to said vital sign measuring system, configured to allow a user to control said vital sign measuring system; and  
  
a display, coupled to said vital sign measuring system, configured to provide vital sign information to said user.
2. (original) The mobile telephone as recited in Claim 1 wherein said vital sign measuring system comprises a body temperature sensor.
3. (original) The mobile telephone as recited in Claim 1 wherein said vital sign measuring system comprises a blood pressure sensor.
4. (original) The mobile telephone as recited in Claim 1 wherein said vital sign measuring system comprises a pulse detector.
5. (currently amended) The mobile telephone as recited in Claim 1 wherein said vital sign measuring system includes a sensor for measuring vital signs of said user, said sensor integrated within is integral with a chassis of said mobile telephone.
6. (original) The mobile telephone as recited in Claim 1 further comprising a loudspeaker, coupled to said vital sign measuring system, configured to provide said vital sign information to said user.
7. (original) The mobile telephone as recited in Claim 1 further comprising a microphone, coupled to said vital sign measuring system, configured to allow said user to control said vital sign measuring system.

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8. (currently amended) A method of employing a mobile telephone to measure a vital sign, comprising:

controlling a vital sign measuring system integrated in a chassis of ~~coupled to~~ said mobile telephone with a keypad of said mobile telephone; and

providing vital sign information to said user with a display of said mobile telephone.

9. (original) The method as recited in Claim 8 wherein said vital sign measuring system comprises a body temperature sensor.

10. (original) The method as recited in Claim 8 wherein said vital sign measuring system comprises a blood pressure sensor.

11. (original) The method as recited in Claim 8 wherein said vital sign measuring system comprises a pulse detector.

12. (currently amended) The method as recited in Claim 8 wherein said vital sign measuring system comprises a vital sign sensor located on an opposite side of is integral with a chassis of said mobile telephone as said display to simultaneously employ said vital sign sensor and provide said vital sign information to said user through said display.

13. (original) The method as recited in Claim 8 further comprising providing said vital sign information to said user with a loudspeaker of said mobile telephone.

14. (currently amended) The method as recited in Claim 8 further comprising controlling said a vital sign measuring system ~~coupled to said mobile telephone~~ with a microphone of said mobile telephone.

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15. (currently amended) A vital sign measuring system, comprising:

a body temperature sensor;

a blood pressure sensor;

a pulse detector;

a mobile telephone interface; and

control circuitry coupled to said body temperature sensor, said blood pressure sensor, said pulse detector and said mobile telephone interface, configured to provide vital sign information to a user via said mobile telephone interface and a mobile telephone coupled thereto in response to control signals received from said mobile telephone through via said mobile telephone interface via commands input to a microphone of said mobile telephone.

16. (original) The system as recited in Claim 15 wherein said system is integral with a chassis of said mobile telephone.

17. (original) The system as recited in Claim 15 wherein said control circuitry provides said vital sign information to said user via a display of said mobile telephone.

18. (original) The system as recited in Claim 15 wherein said control circuitry provides said vital sign information to said user via a loudspeaker of said mobile telephone.

19. (original) The system as recited in Claim 15 wherein said control circuitry accepts commands from a keypad of said mobile telephone.

20. (currently amended) The system as recited in Claim 15 wherein said vital sign information is provided to said a user via an analog signal indicated on a display ~~control circuitry accepts commands from a microphone of said mobile telephone.~~